

Connecting the Gaps: How Wireless Infrastructure Unlocked 30% Higher Productivity

Client: Intermerk

Industry: 3PL



Challenge

- Synchronizing warehouses with client supply chains
- Improving connectivity across facilities
- Reducing picking errors and shipment delays

Solution

- Implementing WMS with structured methodology and training
- Deploying secure wireless infrastructure for real-time operations
- Enabling RF-based tracking for accurate inventory and workflows

Results

- 30% increase in productivity across its 4 distribution centers
- 20% increase in the number of shipments to points of sale
- 25% reduction in picking errors



Intermerk is a Mexican Third-Party Logistics (3PL) company specializing in storage and distribution services. With over 40 years in the market, the company focuses on optimizing supply chain operations to add value at every stage. Intermerk operates in Mexico City, Guadalajara, Monterrey, and Veracruz, managing approximately one million square feet of warehouse space.

Challenge: Connectivity gaps causing order errors and delays

Intermerk aimed to synchronize its warehouses with its clients' supply chains and establish itself among the top 10 logistics operators in Mexico. However, its primary distribution center's location posed a connectivity challenge, making it difficult to maintain stable system synchronization across its facilities. This issue resulted in frequent order picking errors, shipment delays, and poor service levels.

The company identified the need for secure wireless connectivity (Secure Wireless LAN) to ensure seamless system operation and prevent frequent synchronization failures that impacted inventory accuracy and outbound logistics.

Solution: WMS, wireless, and RF technology across all distribution centers

To address these logistical challenges, Intermerk sought to implement scalable technological solutions that aligned with its business growth strategy. After evaluating various options, the company selected WEP (Warehouse Efficiency & Productivity) Argano's proprietary Warehouse Management System (WMS) from its Supplynet suite of solutions, Radio Frequency Systems, and Secure Wireless LAN to optimize, automate, measure, and control warehouse operations.

The implementation of the Warehouse Management System (WMS) was carried out through a structured plan developed in collaboration with Argano, utilizing the ATOS methodology.

This process involved an in-depth understanding of operations, comprehensive training for end users, and the renewal of technology, such as computers and printers to enhance the efficiency of Intermerk's

workforce. Additionally, Argano conducted a technical analysis of Intermerk's facilities, strategically identifying key locations for wireless access points, ensuring seamless system operation across all areas of the warehouse.

The system operates through Honeywell Radio Frequency Terminals (commonly known as picking guns), which instantly record product movements within the warehouse. This enables real-time data exchange between warehouse operators and the WMS, facilitated through a wireless network provided by Secure Wireless LAN (Structured Cabling), ensuring stable and efficient communication across all warehouse operations.

Results: Faster shipments, less overtime, more growth

Thanks to the implementation of WEP, operated through Honeywell Radio Frequency Terminals and supported by Secure Wireless LAN (Structured Cabling) across its distribution centers, Intermerk has achieved significant results that have optimized operations and increased profitability. These improvements have led to enhanced efficiency, greater accuracy, and a more streamlined logistics process.

- Faster and more efficient order preparation
- Warehouse visibility: Improved productivity, inventory accuracy, and real-time product location
- Increase in service levels

- Higher operator productivity updated technology
- Increase in storage capacity
- Reduced paper usage and purchasing costs for order processing

Key Results

- 30% increase in productivity across its 4 distribution centers
- 20% increase in the number of shipments to points of sale
- 25% reduction in errors
- Reduced overtime hours
- Reduced use of paper and labels
- 15% growth in points of sale

"Working alongside Argano during the WEP implementation process has been highly rewarding. Throughout the journey, we felt supported, which fostered the necessary synergy to align the solution with our company's objectives. This allowed us to scale our operations significantly, increasing our service capacity from 12 to 77 clients simultaneously and growing our handled volume from 3,000 to 30,000 tons per client—all while maintaining the highest standards of service reliability."

Edgar González
WEP Leader
Intermerk

About Argano

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